

**REMARKS**

Claims 1-49 are pending in this application.

The Office has required restriction to one of the following inventions under 35 U.S.C. § 121:

- I. Claims 1-24, 28-36, and 42-49, drawn to reactor apparatuses and subassemblies.
- II. Claims 25-27 and 37-41, drawn to methods of making and methods of using.

Applicants hereby elect Group I without traverse.

Applicants expressly reserve their right under 35 U.S.C. § 121 to file a divisional application directed to the nonelected subject matter during the pendency of this application, or an application claiming priority from this application.

The Office has also required an election of species for searching purposes from one of the following groups:

- Ia. Claims 1-24 and 49, drawn to an apparatus for conducting simultaneous endothermic and exothermic reactions.
- Ib. Claims 28-36, drawn to a continuous-flow catalytic plate reactor.
- Ic. Claims 42-48, drawn to modular reactor sub-assemblies.

Applicants hereby elect the species of group Ia.

Applicants note that upon allowance of a generic claim, Applicants will be entitled to consideration of claims to additional species. Applicants request that, upon the allowance of a generic claim, the remainder of the species be included as permitted under 37 C.F.R. §1.141(a).

Applicants hereby request examination of the elected subject matter on the merits.

**CONCLUSION**

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 220772007420. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

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Respectfully submitted,

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